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Resilience in a hotter world

Author(s): Winston A
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Abstract:

As the planet warms, storms and floods are becoming wilder--killing thousands, disrupting supply chains and power grids, and causing billions of dollars in damage. Meanwhile, supplies of all kinds of resources are dwindling, and demand is rising. These two megachallenges--extreme weather and resource scarcity--could have an unprecedented impact on corporate profits and global prosperity, warns Winston. To manage these threats, companies must do what he calls "the big pivot". The big pivot represents a radical change in strategy, operations, and mind-set. Instead of focusing first on short-term earnings and treating environmental challenges as niche issues, firms must prioritize tackling the world's big problems and use the tools of capitalism to do so profitably. That means taking new approaches to vision, valuation, and collaboration: Companies must set long-term goals based on science and pursue innovations that seem heretical (dyes that don't need water, say, or services that replace products). They'll need new ROI tools that factor in unpriced costs and benefits. and they'll have to work with other organizations, including competitors, to reduce resource dependency (for instance, sharing methods for reducing energy use). By making these moves, firms will increase their resilience to volatile resource prices, electrical outages, and shifts in customer needs. They will improve business performance while advancing the common good.

Source: http://hbr.org/2014/04/resilience-in-a-hotter-world/ar/1

Resource Description

Exposure: M

weather or climate related pathway by which climate change affects health

Unspecified Exposure

Geographic Feature: M

resource focuses on specific type of geography

None or Unspecified

Geographic Location: M

resource focuses on specific location

Global or Unspecified

Health Impact: M

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specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

Mitigation/Adaptation: **№**

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

type of model used or methodology development is a focus of resource

Cost/Economic, Other Projection Model/Methodology

Other Projection Model/Methodology: discussion only

Resource Type: M

format or standard characteristic of resource

Research Article

Resilience: M

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

Timescale: M

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

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resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content